

PTO/SB/08b (09-08)

Approved for use through 10/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|---|---|----|---|--------------------------|------------------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Complete if Known | |
| | | | | Application Number | 10/587,998-Conf. #4347 |
| | | | | Filing Date | August 1, 2006 |
| | | | | First Named Inventor | Andreas Eipper |
| | | | | Art Unit | 1796 |
| | | | | Examiner Name | Lee, Doris L. |
| Sheet | 1 | of | 4 | Attorney Docket Number | 12810-00333-US1 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| | | US-6,225,404 | 05/01/2001 | Sorensen, et al. | |
| | | US-3,305,605 | 02/21/1967 | Hostettler, et al. | |
| | | US-3,491,048 | 01/20/1970 | Sargent | |
| | | US-3,479,314 | 11/18/1969 | Williams | |
| | | US-4,351,916 | 09/28/1982 | Kohan | |
| | | US-5,621,031 | 04/15/1997 | Leimann, et al. | |
| | | US-6,497,959 | 12/24/2002 | Mhetar | |
| | | US-2005/0165177 | 07/28/2005 | Wagner, et al. | |
| | | US-5,608,030 | 03/04/1997 | Hoffmockel, et al. | |
| | | US-2003/0018104 | 01/23/2003 | Mours, et al. | |
| | | US-5,144,005 | 09/01/1992 | Sextro, et al. | |
| | | US-5,844,059 | 12/01/1998 | Yamamoto, et al. | |
| | | US-5,399,620 | 03/21/1995 | Niessner, et al. | |
| | | US-6,087,449 | 07/11/2000 | Tiefensee, et al. | |
| | | US-5,314,949 | 05/24/1999 | Kozakura, et al. | |
| | | US-2006/0142442 | 06/29/2006 | Scherzer, et al. | |
| | | US-4,396,742 | 08/02/1983 | Binsack, et al. | |
| | | US-4,771,109 | 09/13/1988 | Eichenauer, et al. | |
| | | US-4,873,289 | 10/10/1989 | Linder, et al. | |
| | | US-4,882,381 | 11/21/1989 | Wittman, et al. | |
| | | US-5,010,135 | 04/23/1991 | Eckel, et al. | |
| | | US-5,998,565 | 12/07/1999 | de Brabander-van den Berg, et al. | |
| | | US-7,081,509 | 07/25/2006 | Wagner, et al. | |
| | | US-2005/0124779 | 06/09/2005 | Shelby, et al. | |
| | | US-2005/0054812 | 03/10/2005 | Wagner, et al. | |
| | | US-4,164,114 | 08/14/1979 | Yabuki, et al. | |
| | | US-5,348,699 | 09/20/1994 | Meyer, et al. | |
| | | US-2004/0220374 | 11/04/2004 | Heuer, et al. | |
| | | US-6,528,612 | | Brenner, et al. | |
| | | US-6,037,444 | 03/14/2000 | Rannard, et al. | |
| | | US-2002/0120076 | 08/29/2002 | Schueler, et al. | |
| | | US-4,239,677 | 12/16/1980 | Dieck | |
| | | US-2003/0171503 | 09/11/2003 | Adedeji | |
| | | US-2005/0025091 | 02/03/2005 | Patel, et al. | |
| | | US-5,480,944 | 01/02/1996 | Aharoni | |
| | | US-6,541,599 | 04/01/2003 | Wang | |
| | | US-5,157,076 | 10-1992 | Greenlee, et al. | |
| | | US-6,894,112 | 05/17/2005 | Weber, et al. | |
| | | US-2004/138388 | 07/15/2004 | Pecorini, et al. | |
| | | US-5,250,595 | 10-1993 | Miyashita, et al. | |
| | | US-4,002,581 | 01-1977 | Dolce, Thomas Joseph | |
| | | US-2003/0069370 | 04-2003 | Dvornic, et al. | |
| | | US-6,252,025 | 06-2001 | Wang, et al. | |
| | | US-5,496,887 | 03-1996 | Braune, Peter | |
| | | US-6,232,435 | 05-2001 | Heitz, et al. | |
| | | US-6,262,185 | 07-2001 | Heitz, et al. | |
| | | US-2008/0015303 | 01/17/2008 | BASF Aktiengesellschaft | |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.L.L./

PTO/SB/08b (09-08)

Approved for use through 10/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------------------|---|-----------------------------------|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | | EP-0484737 | 05/13/1992 | BASF Aktiengesellschaft | | |
| | | WO-1998/50453 | 11/12/1998 | Courtaulds Coatings (Holdings) Limited | | |
| | | GB-2324797 | 11/04/1998 | Courtaulds Coatings (Holdings) Limited | WO1998/50453 | |
| | | DE-102004005652 | 08/25/2005 | BASF AG | CA-2,554,037 | |
| | | WO-2005/075565 | 08/18/2005 | BASF Aktiengesellschaft | DE-102004005652 | |
| | | DE-102004005657 | 08/25/2005 | BASF AG | CA-2,554,038 | |
| | | WO-2005/075563 | 08/18/2005 | BASF Aktiengesellschaft | DE-102004005657 | |
| | | BE-720658 | 11/03/1969 | | US-3,491,048 | |
| | | DE-222868 | 06/07/1910 | | | |
| | | EP-0047529 | 06/19/1985 | E. I. Du Pont De Nemours and Company | US-4,351,916 | |
| | | SU-519449 | 06/30/1976 | | | |
| | | JP-2006/100758 | 09/16/1992 | Polyplastics KK | | |
| | | CA-733567 | 05/03/1996 | Celanese Corp | US-3,479,314 | |
| | | JP-4175366 | 06/23/1992 | Toray Industries | Abstract | |
| | | DE-4307392 | 04/21/1994 | Bloch Klaus, et al. | Summary/Abstract translation | |
| | | WO-2005/012380 | 02/10/2005 | BASF AG, et al. | | |
| | | EP-0629644 | 12/21/1994 | Polyplastics Co | | |
| | | BE-702357 | 02/07/1968 | BASF Aktiengesellschaft | | |
| | | JP-11279245 | 10/12/1999 | Polyplastics Co | | |
| | | JP-11255853 | 09/21/1999 | Polyplastics Co | | |
| | | JP-11060663 | 03/02/1999 | Polyplastics Co | | |
| | | DE-102004057867 | 06/01/2006 | BASF AG | | |
| | | DE-102005012482 | 09/21/2006 | BASF AG | | |
| | | FR-2856693 | 12/31/2004 | Rhodia Eng Plastics Srl | | |
| | | WO-2006/042673 | 04/27/2006 | BASF Aktiengesellschaft | | |
| | | EP-0545184 | 06/09/1993 | BASF AG | US-5,399,620 | |
| | | DE-4328004 | 02/23/1995 | BASF AG | Abstract | |
| | | WO-1996/11962 | 04/25/1996 | THE DOW CHEMICAL COMPANY | | |
| | | WO-1997/08241 | 03/06/1997 | BASF AG | US-6,087,449 | |
| | | EP-1424360 | 06/02/2004 | BAYER AG | Abstract | |
| | | CA-2554037 | 08/18/2005 | BASF AG | | |
| | | CA-2554038 | 08/18/2005 | BASF AG | | |
| | | DE-10304341 | 08/12/2004 | BASF AG | US-2006/0142442 | |
| | | EP-0050265 | 04/28/1982 | Bayer AG | US-4,396,742 | |
| | | EP-0208187 | 01/14/1987 | Bayer AG | US-4,873,289 | |
| | | EP-0235690 | 09/09/1987 | Bayer AG | US-4,771,109 | |
| | | DE-3725576 | 02/09/1989 | Bayer AG | US-4,882,381 | |
| | | EP-0319290 | 06/07/1989 | Polyplastics Co., Ltd. | | |
| | | DE-3800603 | 07/20/1989 | Bayer AG | US-5,010,135 | |
| | | EP-0410301 | 01/30/1991 | BASF Aktiengesellschaft | Abstract | |
| | | EP-0736571 | 10/09/1996 | BASF Aktiengesellschaft | US-5,712,336 | |
| | | DE-10147712 | 04/17/2003 | BASF AG | Abstract | |
| | | DE-10163163 | 07/03/2003 | BASF AG | US-7,081,509 | |
| | | EP-1424362 | 06/02/2004 | DSM IP Assets B.V. | | |
| | | WO-2004/111126 | 12/23/2004 | BP Corporation North America Inc. | | |
| | | DE-10136911 | 02/20/2003 | Bühler AG | | |
| | | WO-2006/018128 | 02/23/2006 | BASF Aktiengesellschaft | | |
| | | GB-1458561 | 12/15/1976 | Mitsubishi Rayon Co. Limited | | |
| | | GB-1558308 | 12/19/1979 | Bayer Aktiengesellschaft, et al. | | |

PTO/SB/08b (09-08)

Approved for use through 10/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | |
|--|----------------|------------|---------------------------------|--|
| | EP-1099727 | 05/16/2001 | BASF AG | |
| | WO-2004/087785 | 10/14/2004 | Bayer Material Science AG | |
| | JP-08269306 | 03/29/1995 | Mitsubishi Chem Corp | |
| | JP-09157503 | 12/13/1995 | Mitsubishi Eng Plastics KK | |
| | JP-06157880 | 11/17/1992 | Akzo Kashima KK | |
| | WO-1997/05705 | 02/13/1997 | Telefonaktiebolaget Lm Ericsson | |
| | DE-10240817 | 03/11/2004 | BASF AG | |
| | FR-2833604 | 06/20/2003 | Rhodianyl | |
| | FR-2833603 | 06/20/2003 | Rhodianyl | |
| | DE-10251294 | 05/19/2004 | EMS-Chemie AG | |
| | EP-0682057 | 11/15/1995 | DSM N.V. | |
| | DE-19953950 | 05/10/2001 | BASF AG | |
| | EP-1207172 | 05-2002 | Zerafati | |
| | DE-55319 | | BASF Aktiengesellschaft | |
| | DE-55320 | | BASF Aktiengesellschaft | |
| | WO-2002/32982 | 04/25/2002 | Ocerbeek, et al. | |
| | WO-2005/58385 | 10/05/2000 | Bayer Aktiengesellschaft | |
| | CA-2019904 | 01/27/1991 | Baierweck, et al. | |
| | CA-2256343 | 12/04/1997 | Perstop AB | |
| | WO-2006/134115 | 12/21/2006 | BASF Aktiengesellschaft | |
| | WO-2007/009930 | 01/25/2007 | BASF Aktiengesellschaft | |
| | WO-2007/009929 | 12/21/2006 | BASF Aktiengesellschaft | |
| | WO-2006/048247 | 05/11/2006 | REEL | |
| | WO-2006/040101 | 04/20/2006 | BASF Aktiengesellschaft | |
| | WO-2006/042673 | 04/27/2006 | BASF Aktiengesellschaft | |
| | WO-2006/082201 | 08/10/2006 | BASF Aktiengesellschaft | |
| | WO-2006/040066 | 04/20/2006 | BASF Aktiengesellschaft | |
| | WO-2006/018127 | 02/23/2006 | BASF Aktiengesellschaft | |
| | WO-2008/074687 | 06/26/2008 | BASF SE | |
| | WO-2006/018179 | 02/23/2006 | BASF Aktiengesellschaft | |
| | EP-07114384.6 | | BASF Aktiengesellschaft | |
| | EP-07121118.9 | | BASF Aktiengesellschaft | |
| | XP-002379462 | | Toray Ind., Inc. | |

| | | | |
|--------------------|----------------|-----------------|------------|
| Examiner Signature | /Doris L. Lee/ | Date Considered | 12/03/2008 |
|--------------------|----------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | S. Rannard, et al. "A Highly Selective, one-Pot Multiple-Addition Convergent Synthesis of Polycarbonate Dendrimers", J. Am. Chem. Soc. 2000, 122, 11729-11730. | |
| | | D. Bolton, et al., "Synthesis and Characterization of Hyperbranched Polycarbonates", <i>Macromolecules</i> 1997, 30, 1890-1896. | |
| | | K. POCHNER, et al., Treatment of Polymers for subsequent metallization using intense UV radiation or plasma at atmospheric pressure, 1997, 372-377, Surface and Coatings Technology 97. | |
| | | A. WEBER, et al., Metallization of Polymers Using Plasma-Enhanced Chemical Vapor Deposited Titanium Nitride as Interlayer, March 1997, 1131-1135, Journal of The Electrochemical Society, Volume 14, Number 3. | |
| | | H. HORN, et al., Excimer laser pretreatment and metallization of polymers, 1999, 270-284, Nuclear Instruments and Methods in Physics Research B151. | |
| | | GORDA, et al., "Star Shaped Condensation Polymers: Synthesis, Characterization, and Blend Properties", Journal of Applied Polymer Science (1993), pp. 1977-1983, Vol. 50. | |

PTO/SB/08b (09-08)

Approved for use through 10/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | |
|--|---|--|
| | SUNDER, et al., "Synthesis and Thermal Behaviour of Esterfied Aliphatic Hyperbranched Polyether Polyols", <i>Macromolecules</i> (2000), pp. 1330-1337, Vol. 33. | |
| | Jang, Jyongsik, et al., "Crystallization Behaviour of Poly (ethylene terephthalate) Blended with Hyperbranched Polymers: The Effect of Terminal Groups and Composition of Hyperbranched Polymers". <i>Macromolecules</i> , 2000, 33, 1864-1870, XP-001079109. | |
| | Dr. S. Anders, et al., "Polycarbonate Polyacetale Polyester Celluloseester", Carl Hanser Verlag, 1992, pgs. 118-119. | |

| | | | |
|-----------------------|----------------|--------------------|------------|
| Examiner Signature | /Doris L. Lee/ | Date Considered | 12/03/2008 |
|-----------------------|----------------|--------------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

| OTHER DOCUMENTS (ISR's and IPRP's) | | | |
|------------------------------------|--------------------------|---|----------------|
| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | International Preliminary Report on Patentability for International Application No. PCT/EP2006/063167, issued January 16, 2008. | |
| | | International Preliminary Report on Patentability for International Application No. PCT/EP2006/063167, issued December 17, 2007. | |
| | | International Preliminary Report on Patentability for International Application No. PCT/EP2006/064182, issued January 22, 2008. | |
| | | International Preliminary Report on Patentability for International Application No. PCT/EP2006/064182, issued February 5, 2008. | |
| | | International Preliminary Report on Patentability for International Application No. PCT/EP2006/064180, issued February 5, 2008. | |
| | | International Preliminary Report on Patentability for International Application No. PCT/EP2006/064180, issued January 22, 2008. | |
| | | International Preliminary Report on Patentability for International Application No. PCT/EP2005/011704, issued May 22, 2007. | |
| | | International Preliminary Report on Patentability for International Application No. PCT/EP2005/011704, issued May 22, 2007. | √ |
| | | International Preliminary Report on Patentability for International Application No. PCT/EP2005/010854. | √ |
| | | International Preliminary Report on Patentability for International Application No. PCT/EP2005/010854, issued November 6, 2006. | |
| | | International Preliminary Report on Patentability for International Application No. PCT/EP2006/042673. | √ |
| | | International Preliminary Report on Patentability for International Application No. PCT/EP2006/042673, issued January 12, 2007. | |
| | | International Preliminary Report on Patentability for International Application No. PCT/EP2006/050590, issued August 14, 2007. | |
| | | International Preliminary Report on Patentability for International Application No. PCT/EP2006/050590, issued August 7, 2007. | |
| | | International Preliminary Report on Patentability for International Application No. PCT/EP2005/010762, issued April 24, 2007. | |
| | | International Preliminary Report on Patentability for International Application No. PCT/EP2005/008339. | √ |
| | | International Preliminary Report on Patentability for International Application No. PCT/EP2005/008339, issued August 11, 2006. | |

| | | | |
|-----------------------|----------------|--------------------|------------|
| Examiner Signature | /Doris L. Lee/ | Date Considered | 12/03/2008 |
|-----------------------|----------------|--------------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.